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NOTICE

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SEPTEMBER 07, 2004

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GARDEN CITY, NEW YORK 11530UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 06/28/2004

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ANDOH, MASATAKA

DOC DATE: 06/24/2004

ASSIGNOR:

SAITOH, AKIRA

DOC DATE: 06/24/2004

ASSIGNOR:

OHTAKI, MEGU

DOC DATE: 06/18/2004

ASSIGNOR:

SATOH, KENICHI

DOC DATE: 06/18/2004

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OFFICE

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014790/0036 PAGE 2

ASSIGNEE:

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HIROSHIMA, JAPAN

SERIAL NUMBER: 10697762

FILING DATE: 10/30/2003

PATENT NUMBER:

ISSUE DATE:

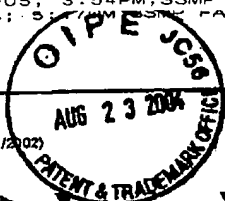
TITLE: EDR DIRECTION ESTIMATING METHOD, SYSTEM, AND PROGRAM, AND MEMORY  
MEDIUM FOR STORING THE PROGRAM

DOROTHY WILLIAMS, PARALEGAL  
ASSIGNMENT DIVISION  
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OMB No. 0651-0027 (exp. 6/31/2002)  
P08A/REV03

## RECORDATION FORM COVER SHEET

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## PATENTS ONLY

Tab settings → → →

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## 1. Name of conveying party(ies):

- 1) Masataka Andoh
- 2) Akira Saitoh
- 3) Megu Ohtaki
- 4) Kenichi Satoh

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 1), 2) 6/24/04 3), 4) 6/18/04

## 2. Name and address of receiving party(ies):

Name: NEC CorporationAddress: 7-1, Shiba 5-chome, Minato-ku

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City: TOKYO

State/Prov.: \_\_\_\_\_

Country: JAPAN

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Additional name(s) &amp; address(es)

☒ Yes☐ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

10/697,762

October 30, 2003

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul J. Esatto, Jr.Registration No. 30,749Address: Scully, Scott, Murphy & Presser400 Garden City PlazaCity: Garden City State/Prov.: New YorkCountry: USA ZIP: 11530

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

19-1013 (SSMP)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul J. Esatto, Jr.

Name of Person Signing

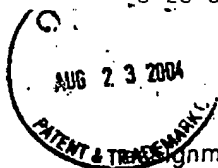
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June 28, 2004

Date

Total number of pages including cover sheet, attachments, and

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Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

\_\_\_\_\_  
Masataka ANDOH (L.S)  
Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

\_\_\_\_\_  
Akira SAITOH (L.S)  
Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

Date: June 18, 2004

\_\_\_\_\_  
Megu OHTAKI (L.S)

Witness: \_\_\_\_\_ Witness: 藤井 友紀

\_\_\_\_\_  
Kenichi SATOH (L.S)  
Date: June 18, 2004  
Kenichi SATOH

Witness: \_\_\_\_\_ Witness: 河村 敏彦

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### ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

- (1) Masataka ANDOH of Tokyo, Japan,
- (2) Akira SAITOH of Tokyo, Japan,
- (3) Megu OHTAKI of Hiroshima, Japan, and
- (4) Kenichi SATOH of Hiroshima, Japan

Hereby sell, assign and transfer to

- (1) NEC Corporation,  
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, and
- (2) Megu OHTAKI,  
9-1-7, Miyazono, Hatsukaichi-shi, Hiroshima, Japan

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on June 18, 2004 and June 24, 2004 and is entitled

### **EDR DIRECTION ESTIMATING METHOD, SYSTEM, AND PROGRAM, AND MEMORY MEDIUM FOR STORING THE PROGRAM**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvement;

Authorize and request the Commissioner of Patents to issue to said Assignee, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing; maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assignee and legal representatives; and

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Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Masataka Andoh (L.S.)  
Masataka ANDOH

Date: June 24, 2004

Witness: Hiroyasu Chimura Witness: [Signature]

Akira Saitoh (L.S.)  
Akira SAITOH

Date: June 24, 2004

Witness: Hiroyasu Chimura Witness: [Signature]

\_\_\_\_\_  
(L.S.)  
Megu OHTAKI

Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
Kenichi SATOH

Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

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(L.S)

Masataka ANDOH

Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

(L.S)

Akira SAITOH

Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

(L.S)

Megu OHTAKI

Date: June 18, 2004

Witness: \_\_\_\_\_ Witness: 藤井 友紀

(L.S)

Kenichi SATOH

Date: June 18, 2004

Witness: \_\_\_\_\_ Witness: 河村 敏彦

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,931,363

Page 1 of 1

APPLICATION NO. : 10/697,762

ISSUE DATE : August 16, 2005

INVENTOR(S) : Matasataka Andoh, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Assignee:****(73) NEC Corporation  
Tokyo, Japan**

and

**Megu Ohtaki  
Hiroshima, Japan**

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**MAILING ADDRESS OF SENDER (Please do not use customer number)**

**David J. Torrente Reg. No. 49,099  
SCULLY, SCOTT, MURPY & PRESSER  
400 Garden City Plaza, Suite 300  
Garden City, New York 11530**

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